(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 23 October 2003 (23.10.2003)

(10) International Publication Number WO 03/086281 A2

(51) International Patent Classification7:

A61K

(21) International Application Number: PCT/US03/10560

2 April 2003 (02.04.2003) (22) International Filing Date:

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/369,594

2 April 2002 (02.04.2002)

(71) Applicant (for all designated States except US): CARGILL, INC. [US/US]; Law Dept/24, 15407 McGinty Road West, Wayzata, MN 55391 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TRINKLE, James, R. US/US]; 2290 Van Buren Drive, Bussey, IA 50044 (US). FAN, Weiyu [CNUS]; 4117 Highland Road, Minnetonka, MN 55345 (US) HWANG, Ki-Oh [KR/US]; 727 1st Street NE, Cedar Rapids, IA 52402 (US).

(74) Agent: DEGRANDIS, Paula; Cargill, Inc., 15407 McGinty Road West, Wayzata, MN 55391 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CHITOSAN PRODUCTION

(57) Abstract: The invention provides a method of producing chitosan using pressures greater than 0 PSIG. The invention also provides fungal chitosan compositions.

WO 03/086281 A2